

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHODS FOR INTRODUCING HETEROLOGOUS CELLS INTO FISH** the specification of which ____ is attached hereto or ____ was filed on November 30, 1999 as Application No. 09/451,489 and was amended on _____ (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/110,464	December 1, 1998

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

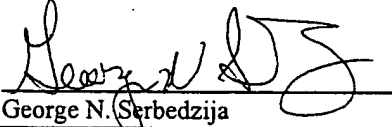
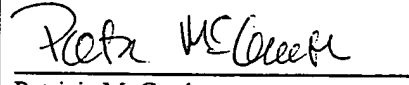
Joe Liebeschuetz, Reg. No. 37,505

William M. Smith, Reg. No.

Send Correspondence to: Joe Liebeschuetz TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Fl r San Francisco, California 94111-3834	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) Name: Joe Liebeschuetz Reg. No.: 37,505 Telephone: 650-326-2400
---	--

Full Name of Inventor 1:	Last Name: Serbedzija	First Name: George	Middle Name or Initial: N.	
Residence & Citizenship:	City: Woburn	State/Foreign Country: Massachusetts	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 21 Bow Street	City: Woburn	State/Country: MASS	Postal Code: 01801
Full Name of Inventor 2:	Last Name: McGrath	First Name: Patricia	Middle Name or Initial:	
Residence & Citizenship:	City: Cambridge	State/Foreign Country: Massachusetts	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 100 Inman Street	City: Cambridge	State/Country: MASS	Postal Code: 02139

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  George N. Serbedzija	Signature of Inventor 2  Patricia McGrath
Date 3/29/2000	Date 3/29/2000

I hereby certify that this correspondence is being facsimile
transmitted to the United States Patent and Trademark Office,
Fax No. 1-703-746-9333 on September 16, 2003.

PATENT
Attorney Docket No.: 018852-000600US

TOWNSEND & TOWNSEND & CREW LLP

By: _____
Tara N. Darnboff

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

George N. Serbedzija et al.

Application No.: 09/451,489

Filed: November 30, 1999

For: METHODS FOR INTRODUCING
HETEROLOGOUS CELLS INTO
FISH

Examiner: Bertoglio, Valarie E.

Art Unit: 1632

APPOINTMENT OF ASSOCIATE
ATTORNEY UNDER 37 CFR § 1.34(b)

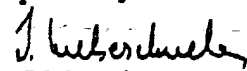
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Under 37 CFR §1.34(b), applicant's undersigned principal attorney of record appoints Scott L. Ausenhus (Attorney Registration No. 42,271) as associate attorney(s) to prosecute this case and to transact all business in the Patent and Trademark Office connected therewith. The associate attorney's address and telephone number are as follows.

Phone: 303-571-4000
Address: Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834

Respectfully submitted,


Joe Liebeschuetz
Reg. No. 37,505

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: 303-571-4000
Fax: 415-576-0300
SLA:tn
80039988 v1